PATENT ABSTRACTS OF JAPAN

(51)Int. Cl.   G06F 17/60

                               G06F 15/00

(54) SYSTEM AND METHOD FOR CONTENT PROCEEDS DISTRIBUTION

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a content proceeds distribution system
which can distribute proceeds to a third party who has request right
unprescribed in a sales contract at the rate corresponding to the right
as to sold contents.

SOLUTION: A content database 21 is stored with the IDs of all providers
of contents and all persons having request right regarding a duplication
of contents by contents. In a contract master 22, the agreements of the
share of the operator of SD center are described. When proceeds are
received, a payment part 19 subtracts the share of the operator of the
SD center from the proceeds by referring to the agreements of the
operator entered into the contract master 22. Then the payment part 19
distributes the remaining proceeds by the IDs stored in the content
database 21.

[Kind of final disposal of
application other than the
examiner's decision of rejection or
application converted registration]

[Date of final disposal for
application]

[Patent number]

[Date of registration]

[Number of appeal against   2001-016315
examiner's decision of rejection]

[Date of requesting appeal against   13.09.2001
examiner's decision of rejection]

[Date of extinction of right]

CLAIMS

[Claim(s)]
[Claim 1] It is a contents proceeds distribution system in the contents
circulation system which distributes the proceeds which sold and
obtained the contents offered by the contents provider to a specific
distribution place. The 1st database which stored the 1st distribution
information about the rate of the amount of money distributed to the
employment person of said contents circulation system among said
proceeds, The 2nd database which stored the 2nd remain and concerning
distribution place [of the amount of money], and its partition ratio
distribution information distributed to said employment person among
said proceeds, The 1st read-out means which reads said 1st distribution
information from said 1st database, A subtraction means to subtract the
amount of money equivalent to the rate specified to said 1st
distribution information read by this 1st read-out means from said sales
gold, The 2nd read-out means which reads said 2nd distribution
information from said 2nd database, As opposed to each of said
distribution place specified to said 2nd distribution information read
by this 2nd read-out means The contents proceeds distribution system
characterized by having a distribution means to distribute the frame
which carried out the multiplication of said corresponding partition
ratio specified to said 2nd distribution information at the remainder of
subtraction by said subtraction means.

[Claim 2] The contents proceeds distribution system according to claim 1 characterized by performing said sale by supplying those who wish purchase of these contents with the key for decrypting these contents while distributing the contents in the condition of having been enciphered, in said contents circulation system.
[Claim 3] Said proceeds are a contents proceeds distribution system according to claim 2 characterized by being paid by this purchaser as a countervalue which supplies said purchaser with said key.
[Claim 4] It is the contents proceeds distribution system [claim 5] according to claim 1 characterized by to perform said subtraction to the grand total of said proceeds with which said subtraction means was computed by this calculation means while having further a record means record the selling price about the same contents, and sales quantity, and a calculation means computed the grand total of the proceeds about the same contents based on said selling price recorded on this record means, and said sales quantity. It is the contents proceeds distribution approach in the contents circulation system which distributes the proceeds which sold and obtained the contents offered by the contents provider to a specific distribution place. While storing in the 1st database beforehand the 1st distribution information about the rate of the amount of money distributed to the employment person of said contents circulation system among said proceeds The 2nd distribution information about the distribution place of the balance of the amount of money distributed to said employment person among said proceeds and its partition ratio is stored in the 2nd database. At the time of distribution of said proceeds The amount of money which is equivalent to the rate specified to said 1st distribution information which read said 1st distribution information and was read from said 1st database is subtracted from said sales gold. As opposed to each of said distribution place specified to said 2nd distribution information which read said 2nd distribution information from said 2nd database, and was read by this 2nd read-out means The contents proceeds distribution approach characterized by distributing the frame which carried out the multiplication of said corresponding partition ratio specified to said 2nd distribution information at the remainder of subtraction by said subtraction means.
[Claim 6] It is a contents proceeds distribution system in the contents circulation system which distributes the proceeds which sold and obtained the contents offered by the contents provider to a specific distribution place. The database which stored the distribution information about the distribution place of said proceeds, and its

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partition ratio, The contents proceeds distribution system characterized by having a distribution means to distribute the share based on said partition ratio, to each of said distribution place specified to said distribution information read by the read-out means which reads said distribution information from said database, and this read-out means.
[Claim 7] It is a contents proceeds distribution system in the contents circulation system which distributes the proceeds which sold and obtained the contents offered by the contents provider to a specific distribution place. The 1st database which stored the 1st distribution information about the rate of the amount of money distributed to the employment person of said contents circulation system among said proceeds, The 2nd database which stored the 2nd remain and concerning distribution place of the amount of money distribution information distributed to said employment person among said proceeds, The 1st read-out means which reads said 1st distribution information from said 1st database, A subtraction means to subtract the amount of money equivalent to the rate specified to said 1st distribution information read by this 1st read-out means from said sales gold, The 2nd read-out means which reads said 2nd distribution information from said 2nd database, The contents proceeds distribution system characterized by having a distribution means to distribute the remainder of subtraction by said subtraction means, to each of said distribution place specified to said 2nd distribution information read by this 2nd read-out means.

DETAILED DESCRIPTION

[Detailed Description of the Invention]
[0001]
[Field of the Invention] This invention relates to the contents proceeds distribution system which can distribute the proceeds which sold and obtained the contents offered by the contents provider to a contents provider etc.
[0002]
[Description of the Prior Art] In recent years, circulation by the CD-ROM medium of the contents (software, such as a movie, a music work, a computer program, and a database) which are digital information is briskly performed with the spread of CD-ROM drives. This is based on that it is the mass medium by which a CD-ROM medium can manufacture very

cheaply, and exceeds 500MB, and the low price and improvement in the speed of a CD-ROM drive. Furthermore, CD-ROM is because the circulation inserted into a magazine as compared with the capacity since it is a lightweight thin shape is possible.

[0003] By the way, since the contents stored in this CD-ROM are digital data, they have risk of copying illegally and inaccurate installing easily (it being here and introducing contents into the disk unit of a personal computer system with "install"). Therefore, even if it faces the contents circulation using CD-ROM, it is called for that such an illegal copy and unjust install can be prevented.

[0004] So, when circulating contents in CD-ROM, some kinds of the trial version contents and the enciphered genuine article contents are recorded on CD-ROM, and he circulates them, and was trying to teach conventionally the key for making these genuine article contents decrypt in exchange for dues payment (lump sum payment) of contents only to the user who wishes use of genuine article contents. In addition, in the following explanation, in order to talk intelligible, it is referred to as "Selling contents" to teach a key in exchange for dues payment of contents, and the thing of the dues of contents is called "selling price of contents."

[0005] In such a conventional contents circulation system, the proceeds by contents sale are paid to a contents provider (henceforth a "provider"), after the share is deducted by the contents circulation systems operation person (henceforth a "systems operation person"). Here, the partition ratio between a systems operation person and a provider is defined according to the individual by the selling agreement concluded by the systems operation person and the provider at the time of contents delivery. The proceeds distribution section of a contents circulation system pays to a provider the frame which becomes settled with this partition ratio among proceeds with reference to the partition ratio about the contents concerned from the database with which this selling agreement is stored.

[0006]

[Problem(s) to be Solved by the Invention] However, those (author who has a claim to the demonstration house and those [copyright] who have a copyright person and neighboring right) who have a right (claim of a run NINGURO spear tee) about these contents in addition to the provider who is a person concerned with a selling agreement may exist. Even in such a case, the matter about these right relation is usually the outside for [of a selling agreement] a convention. Therefore, only by referring to the database with which the selling agreement is stored, it

cannot sell for the third person who has a right (claim of a run NINGURO spear tee) to proceeds, and money cannot be paid. Therefore, in the conventional contents circulation system, the provider had to distribute further the proceeds paid by the systems operation person according to the individual to all the persons that have a right about contents.

[0007] This invention is made in view of the above trouble, and makes it a technical problem to provide the third person who has the claim as which the sold contents are not specified for a selling agreement with the contents proceeds distribution system and the distribution approach of distributing proceeds at a rate according to the right of opposite Perilla frutescens (L.) Britton var. crispa (Thunb.) Decne.

[0008]

[Means for Solving the Problem] The following configurations were used for this invention in order to solve the above-mentioned technical problem. Namely, the contents proceeds distribution system by this invention As shown in the principle Fig. of drawing 1 , it is a contents proceeds distribution system in the contents circulation system which distributes the proceeds which sold and obtained the contents offered by the contents provider to a specific distribution place. The 1st database which stored the 1st distribution information about the rate of the amount of money distributed to the employment person of said contents circulation system among said proceeds (100), The 2nd database which stored the 2nd distribution information about the distribution place of the remaining amount of money distributed to said employment person among said proceeds, and its partition ratio (101), The 1st read-out means which reads said 1st distribution information from said 1st database (100) (102), A subtraction means to subtract the amount of money equivalent to the rate specified to said 1st distribution information read by this 1st read-out means (102) from said sales gold (103), The 2nd read-out means which reads said 2nd distribution information from said 2nd database (101) (104), As opposed to each of said distribution place specified to said 2nd distribution information read by this 2nd read-out means (104) It is characterized by having a distribution means (105) to distribute the frame which carried out the multiplication of said corresponding partition ratio specified to said 2nd distribution information at the remainder of subtraction by said subtraction means (103) (it corresponds to claim 1).

[0009] According to the contents proceeds distribution system by this invention, the 1st distribution information about the rate of the amount of money distributed to the employment person of said contents circulation system among the proceeds which sold and obtained the

contents offered by the contents provider is stored in the 1st database (100). Moreover, the 2nd distribution information about the distribution place of the remaining amount of money distributed to said employment person among said proceeds and its partition ratio is stored in the 2nd database (101). When proceeds are actually obtained, the 1st read-out means (102) reads said 1st distribution information from said 1st database (100). A subtraction means (103) subtracts the amount of money equivalent to the rate specified to said 1st distribution information read by this 1st read-out means (102) from said sales gold. Moreover, the 2nd read-out means (104) reads said 2nd distribution information from said 2nd database (101). And a distribution means (105) distributes the frame which carried out the multiplication of said corresponding partition ratio specified to said 2nd distribution information at the remainder of subtraction by said subtraction means (103) to each of said distribution place specified to said 2nd distribution information read by this 2nd read-out means (104). Therefore, even when there are those [two or more] who have the right which can finally charge proceeds, i.e., a specific payee, after one person's provider 2 representing and receiving proceeds, the time and effort of redistributing to two or more payees according to each partition ratio can be saved.

[0010] Here, contents are software and video datas, such as a program, music data, and a movie, are included. These contents may be analog format or may be digital formats. These contents can be enciphered when it is a digital format. While distributing the contents in the condition of having been enciphered, as a contents circulation system which can be adopted when contents are enciphered, the system of supplying the key for decrypting these contents is employable as those who wish purchase of these contents (it corresponds to claim 2). If it does in this way, since the sale of contents itself can be performed using a communication link, contents circulation can be performed smoothly. Moreover, what is necessary is just to make this purchaser the proceeds which can be set in this case paid as a countervalue which supplies said purchaser with said key (it corresponds to claim 3).

[0011] A specific distribution place contains all the contents providers that are the copyright person or publishing-right person of contents. Moreover, the copyright person of the original paper crops of these contents and the copyright person of the work used within these contents are included. Furthermore, although copyright was transferred to the contents provider, the author who has concluded the contract of a purport of receiving a predetermined run NINGURO spear tee from a contents provider for every duplicate of contents, among contents

providers is included.

[0012] The partition ratio shown using the 2nd distribution information may have designation, and you may make it treat it noting that a partition ratio is equal, when there is no designation. The following configurations may be added to the contents proceeds distribution system by this invention. That is, you may make it have further a record means to record the selling price about the same contents, and sales quantity, and a calculation means to compute the grand total of the proceeds about the same contents based on said selling price recorded on this record means, and said sales quantity. In this case, said subtraction means performs said subtraction to the grand total of said proceeds computed by this calculation means (it corresponds to claim 4). If it does in this way, the troublesomeness which distributes proceeds to ** of each contents sale can be prevented.

[0013] Moreover, the contents proceeds distribution approach by this invention It is the contents proceeds distribution approach in the contents circulation system which distributes the proceeds which sold and obtained the contents offered by the contents provider to a specific distribution place. While storing in the 1st database beforehand the 1st distribution information about the rate of the amount of money distributed to said contents provider among said proceeds The 2nd distribution information about the distribution place of the balance of the amount of money distributed to said contents provider among said proceeds and its partition ratio is stored in the 2nd database. At the time of distribution of said proceeds The amount of money which is equivalent to the rate specified to said 1st distribution information which read said 1st distribution information and was read from said 1st database is subtracted from said sales gold. As opposed to each of said distribution place specified to said 2nd distribution information which read said 2nd distribution information from said 2nd database, and was read by this 2nd read-out means The contents proceeds distribution approach characterized by distributing the frame which carried out the multiplication of said corresponding partition ratio specified to said 2nd distribution information at the remainder of subtraction by said subtraction means (it corresponds to claim 5).

[0014]

[Embodiment of the Invention] Below, the gestalt of operation of this invention is explained based on a drawing.

<Outline of contents circulation system> drawing 2 is the block diagram showing the outline of a contents circulation system in which this invention is carried out. In this drawing 2 , the SD center 1 is

equipment which takes the lead in a contents circulation system. The employment person who employs this SD center 1 is also a manager using this contents circulation system of a contents circulation enterprise. This SD center 1 distributes the part of the proceeds of an epilogue and the sold contents for a selling agreement to a provider 2 from a provider 2 to what selling among the contents which accepted and accepted those contents determined based on this contents acceptance contract while contracting a contents acceptance contract with the provider (provider) 2 of various contents. Moreover, by the case, the SD center 1 distributes the part of the proceeds while making a selling agreement also among the rightful claimants 3 of others other than provider 2. The SD center 1 performs edit which enciphers the contents which made the selling agreement and can be burned on original recording CD-ROM of one sheet. The navigator (program) which performs a series of processings for decrypting the enciphered contents on the occasion of this edit, and the installer for these navigators (program) can both also be burned. After performing such edit, the SD center 1 requests publication of this CD-ROM from the CD-ROM publisher 4.

[0015] The SD center 1 is connected to a user's 5 personal computer 6 through this network service firm 7 and public telephone network which is not illustrated while connecting with the network service firm 7 through the gateway 13. The SD center 1 transmits the key and purchase cut-form for decrypting the contents shown in the purchase cut-form corresponding to the purchase cut-form transmitted through the network service firm 7 from the personal computer 6 to a user's 5 personal computer through the network service firm 7. Moreover, the claim vicarious execution section 14 of the network service firm 7 is asked for the price of the contents sold by doing in this way, and the SD center 1 collects them.

[0016] A provider (contents provider) 2 is usually the copyright person (author) of contents. Specifically, the independent copyright person about a certain contents (the work of the so-called primary work, a secondary work, and a movie, edit work), all share copyright persons about a certain contents, all copyright persons about each component in a set work, etc. are mentioned. These persons are direct copyright persons (the so-called modern author) of the contents concerned, and unless a selling agreement is concluded among these persons, it is because the SD center 1 cannot sell the contents concerned. Each [these] provider 2 has unique ID (authoring ID), respectively.

[0017] The other rightful claimants 3 are third persons other than provider 2, and when those who have the right which can be directly

asserted to the SD center 1 when the contents concerned are reproduced, and contents are reproduced, they are those who have the claims (claim of a run NINGURO spear tee etc.) which can be asserted to a provider 2. As a former example, the copyright person of each component in the copyright person (the so-called classic author) of a secondary work and the original paper crops in the work of a movie, the copyright person of the work used for the work of a movie, the demonstration house in a music work, and an edit work is mentioned. Since the SD center 1 cannot reproduce the contents concerned without consent of these persons, it must conclude a selling agreement also among these persons. Moreover, those who are authors (creator) who are not a copyright person as a latter example, and exchanged contracts of run NINGURO spear tee payment on the occasion of the transfer of copyright among copyright persons (copyright person applicable to a provider 2 or the former) are mentioned. Since the SD center 1 does not need to conclude these persons and selling agreements, it does not have in principle the need of allotting these persons the proceeds of contents by direct, either. However, a provider 2 has to distribute the dividend distributed to self to these persons as a run NINGURO spear tee ex post. Therefore, if a part for these persons' picking is directly distributed from the SD center 1, a provider's 2 effort will be mitigated. Each of the rightful claimant 3 of these others also has unique ID (ID, such as a creator).

[0018] In the network service firm 7, while the project implementing body which offers network-data communication service, such as personal computer communications, is shown, the host computer is also shown. The network service firm 7 is connected through the public telephone network which is not illustrated according to the connection request from this personal computer 6 also to a user's 5 personal computer 6 registered as a member besides the SD center 1. And various services of the data exchange are performed between each connected personal computer 6 and the SD center 1. In addition, in order to register with this network service firm 7 as a member, a user 5 has to register into the network service firm 7 the number of the effective credit card which self has as an object for pulling [of the charge of service use] down.

[0019] Moreover, the claim vicarious execution section 14 of the network service firm 7 adds this claim amount of money to the charge of service use of the member user 5 who is a contents purchaser according to the claim of the contents price from the SD center 1. And the charge of service use to which contents price was added is charged to the credit card company 8 to which this member user 5 registered that number into the network service firm 7. When the credit card company 8 has paid the

charge of service use according to this claim, the network service firm 7 deducts the original charge of service use and an original predetermined commission, and pays the balance to the SD center 1.
[0020] A credit card company 8 charges directly the charge of service use charged from the claim vicarious execution section 14 to a user 5 (correctly a user's 5 bank account). The CD-ROM publisher 4 receives publication commission of CD-ROM from the SD center 1, and reproduces original recording CD-ROM received from the SD center 1 in large quantities. The CD-ROM publisher 4 sells to a user 5 CD-ROM11 which carried out in this way and was reproduced, or does free sending at the user 5 who is the registration member of the network service firm 6.
[0021] A user 5 loads CD-ROM11 which came to hand from the CD-ROM publisher 4 to the self personal computer 6. And the installer stored in CD-ROM11 is performed. Then, an installer generates a machine ID 50 according to generating of a random number etc., and writes this machine ID 50 in the hard disk 12 of a personal computer 6 while it installs a navigator 10 in the hard disk 12 of a personal computer 6. In addition, when the machine ID 50 is already generated in this hard disk 12, an installer does not generate the new machine ID 50.
[0022] If a navigator 10 is performed in a personal computer 6, a navigator 10 will generate the decode section 9. And a navigator 10 creates the purchase cut-form for contents purchase (text data) in which the user 5 did purchase hope while enabling trial of the trial version contents in CD-ROM11 according to the input from a user 5. Moreover, using the communications program which is not illustrated, it connects with the network service firm 7, and connects with the SD center 1 through the gateway 13 further, and the created purchase cut-form is transmitted to the SD center 1. In addition, ID (henceforth "user ID") of the access number generated from a CD-ROM number besides a CD-ROM number (unique for every class of each CD-ROM) and content ID (unique for every contents), content ID, and Machine ID and the user 5 concerned registered into the network service firm is written in this purchase cut-form. If the key (key for restoring to the enciphered contents) enciphered by this access number is returned from the SD center 1, with the access number currently recorded, a navigator 10 will decode a key and will pass it to the decode section 9. The decode section 9 reads the contents (enciphered contents) in which the user 5 is doing purchase hope from CD-ROM11, and compound-izes them using a key, and the compound-ized contents are stored in a hard disk 12.
Detailed internal configuration explanation of the SD center 1 is given using <the concrete configuration of the SD center 1>, next drawing 3 .
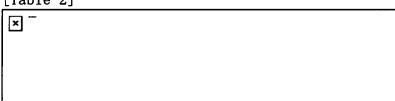
In <u>drawing 3</u> , the contents accession department 15 makes a contents acceptance contract among providers 2. This is the contract of the purport that consider as the preparation which will circulate the contents concerned through the contents circulation system by the SD center 1 in the future, and the SD center 1 keeps the contents concerned. And the contents accession department 15 accepts contents as effectiveness of this contents acceptance conclusion of a contract. And ID (content ID) of the accepted contents is generated and the contents concerned are stored in the contents database 21 with this content ID. Moreover, the contents accession department 15 also stores the provider information about these contents in the contents database 21. Although this provider information is ID (authoring ID) of the provider (author) 2 who is a person concerned with a contents acceptance contract, and persons other than provider 2, although a person's [need / the selling agreement of the contents concerned / to be concluded] ID and conclusion of a selling agreement of contents are unnecessary, they are ID of those who have the claim of a run NINGURO spear tee about sale of the contents concerned to a provider 2. ID of each [these] ** is stored hierarchical in the contents database 21 by using a provider's 2 ID (authoring ID) as the top layer. in addition, when the agreement for ** is between each [these] **, the information on each fixed ** which especially boils and is attached is also stored in the contents database 21 as the second database as provider information. That is, this provider information is equivalent to the 2nd distribution information about the distribution place of the remaining amount of money distributed to the employment person, and its partition ratio.
[0023] The example of this provider information is shown below. In addition, in each following example, the alphabet shows ID, such as a provider, and although a notation "*" requires an appropriate person, it is shown that the specification is not made.
[Example 1]
[0024]
[Table 1]
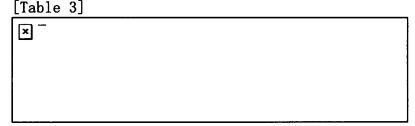

[0025] Table 1 is an example in case contents are the works of a movie. in this case, a 2 casks of provider copyright person (author) ─
Filmmaker A ─ although it is only one person, the painter D describing

the picture used into the original author B, Dramatist C, and a work is the person concerned who requires a selling agreement as the so-called classic author etc. Moreover, the film director E who is an author shall have exchanged contracts of a purport of receiving a run NINGURO spear tee from Filmmaker A with contents sale. however -- since it is not settling on a part for ** between each above-mentioned ** in this case -- each ** -- it is especially treated as parts, such as **.

[Example 2]

[0026]

[Table 2]

[0027] Table 2 requires contents for joint writing, and is an example in case an author keeps [person / copyright] been. also in this case -- since the agreement [especially / (share)] of each share copyright persons F and G is not made -- both -- it is especially (share) treated as division into equal parts.

[Example 3]

[0028]

[Table 3]

[0029] Table 3 is an example in the case of being among each share copyright persons H and I about an agreement [especially / (share)]. In this case, it is paid to H, and since there is an agreement [especially / (share)], at the time of distribution of proceeds, 30 percent of proceeds are paid to I 70 percent of proceeds, respectively.

[Example 4]

[0030]

[Table 4]

[0031] Table 4 is an example in case it is shown that the person concerned who requires the selling agreement other than this representative J exists while Representative J is specified. In this case, what is necessary is just to pay proceeds only to this one representative, since only Representative J is seen by the SD center 1 (with the intervention of the SD center 1, Representative J is concerned, there is and he is indebted to the rightful claimant of others which are not specified for the duty which distributes these proceeds.). [no] However, the SD center 1 can know that rightful claimants other than Representative J must also be made into a person concerned with a contract with a notation "*", when concluding a selling agreement.

[0032] The CD-ROM editorial department 16 makes a market analysis, specifies what should be carried to CD-ROM out of the contents group already stored in the contents database 21, and concludes a selling agreement about these specified contents among the rightful claimants (only those who only have the claim are removed to a provider 2) 3 of others which should be made those provider 2 and contracting parties. this selling agreement -- setting -- a provider 2 -- and -- contracting parties -- the other rightful claimants' 3 ID, content ID, the selling price, and a selling shelf-life (to [from when] when can it sell?) -- it pays and the propriety of discount of a site (it is correspondence] to the 1st distribution information about the rate of the amount of money distributed to the employment person of a contents circulation system among the partition ratio [proceeds of the proceeds between a provider 2 and an SD center 1 employment person) and the selling price etc. is fixed. The CD-ROM editorial department 16 stores the contents of this selling agreement in the contract master 22 as the first database.

[0033] Moreover, it enciphers using a specific key and the CD-ROM editorial department 16 writes the contents with which the selling agreement was concluded in original recording CD-ROM. Moreover, the CD-ROM number mentioned above, a navigator (program), and an installer are also written in this CD-ROM. The CD-ROM editorial department 16 hands original recording CD-ROM edited in this way to the CD-ROM publisher 4, and does publication commission of CD-ROM. Moreover, the CD-ROM editorial department 16 writes the content ID of the contents written in this original recording CD-ROM at the CD-ROM number of this original

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recording CD-ROM and its shelf-life, and a list, the selling price, a selling shelf-life, a key, etc. in the goods master 23.

[0034] The key sales department 17 checks the CD-ROM number and content ID which were written to reception and this purchase cut-form in the purchase cut-form sent from a user's 5 personal computer 6, and a access number with reference to the goods master 23. And an error message is outputted, when the expiration date of CD-ROM11 the very thing has passed, the effective subscription period of contents has passed or there is nothing applicable to these numbers or ID into the goods master 23. In being other, a corresponding key is read from the goods master 23, and this key is enciphered with a access number, and it returns them to a user's 5 personal computer 6, using as a purchase number the data obtained as a result of this encryption. The key sales department 17 charges with sending of this purchase number. That is, while reading the selling price of the sold contents from the goods master 23, purchasing content ID and its selling price, indicating in a cut-form and sending to a user's 5 personal computer 6, the sales cut-form which indicated the user ID of the same matter and the purchaser slack user 5 is sold, and it accumulates in the cut-form file 24.

[0035] In addition, in this key sales department 17, ID of each contents stored in the goods master 23, its title, and the notice plate 42 with which that selling price is copied are built in. This notice plate 42 can be shown from a user 5 by the navigator 10 of a personal computer 6.

[0036] At last, with reference to the sales slip file 24, the claim section 18 settles sales quantity for every contents and every provider, and notifies the settlement-of-accounts result to the updating section 20 every month. Moreover, the claim section 18 is sold for every user ID of a user 5, totals the amount of money, and performs the package claim of the proceeds to the claim vicarious execution section 14 of the network service firm 7. When the claim vicarious execution section 14 pays proceeds according to this proceeds claim, the claim section 18 notifies that to the payment section 19.

[0037] The internal configuration of the payment section 19 is shown in <u>drawing 4</u> . The contents proceeds calculation section 25 which constitutes the payment section 19 directs read-out of the sales slip accumulated into the sales slip file 24 as a record means to the sales cut-form reference section 29, if a notice is received from the claim section 18. the sales slip which the contents proceeds calculation section 25 as a calculation means read -- being based -- the proceeds frame for every contents -- totaling -- an employment person -- it especially notifies to the subtraction section 26.

[0038] the employment person as a subtraction means -- the subtraction section 26 especially directs read-out of the payment site of each contents indicated during the contract master 22 to the contract master reference section 30 as the 1st reading means, if the notice of the proceeds frame for every contents is received from the contents proceeds calculation section 25. an employment person -- the subtraction section 26 subtracts a part for picking of the employment person of the SD center 1 which becomes settled by the payment site from proceeds for every contents, and especially notifies it to the proceeds distribution count section 27.

[0039] the proceeds distribution count section 27 as a distribution means -- an employment person -- if the notice of the proceeds after subtraction is especially received from the subtraction section 26, read-out of the provider information on each contents indicated by the contents database 21 is directed to the contents database reference section 31 as the 2nd reading means. The proceeds distribution count section 27 distributes the notified proceeds for every contents between each provider (author) 2 by whom the ID is indicated as provider information, and the other rightful claimants 3. under the present circumstances, when [that] the law for ** of each provider (author) 2 and the other rightful claimants 3 is in provider information, it is especially alike, and it responds, proceeds are distributed and there is no law for **, it distributes equally to each **. The proceeds distribution count section 27 totals proceeds to each ID (ID registered as a thing of a provider 2 or the other rightful claimants 3) of every, and notifies them to the payment processing section 28.

[0040] The payment processing section 28 performs payment processing to the proceeds totaled for every ID. That is, based on this ID, the bank account of each provider 2 and the other rightful claimants 3 is specified, and this specified bank account receives the totaled proceeds.

[0041] The internal configuration of the updating section 20 is shown in drawing 5 . The contents sales count section 32 which constitutes the updating section 20 directs read-out of the selling price indicated by the sales slip in the sales slip file 24 to the sales slip reference section 38, if a notice is received from the claim section 18 about the number of sales for every contents. The contents sales count section 32 adds up the sales for every contents based on the selling price indicated by the number of sales and sales slip for every contents which were notified from the claim section 18.

[0042] The subscription period check section 33 directs read-out of the subscription period of each contents indicated in the goods master 23 to

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the goods master reference section 39. The current day entry from the clock section 40 is inputted into this subscription period check section 33. The last day of a subscription period discovers the contents used as a current date and the same month, and notifies the subscription period check section 33 to the renewal section 36 of a goods master. Moreover, the subscription period check section 33 discovers the contents which remain from a current date to the last day of a subscription period, and have become less than January, and notifies them to the contents check section 35 of a contract. Furthermore, the subscription period check section 33 notifies the other contents to the number check section 35 of contents sales. The number check section 34 of contents sales discovers the contents whose selling total per moon is 1000 or less out of the contents notified from the subscription period check section 33 based on the sales quantity for every contents notified from the claim section 18, and notifies them to the contents check section 34 of a contract.
[0043] The contents check section 35 of a contract directs to read the contents of a contract about the notified contents out of the contract master 22 to the contract master reference section 41, if the notice of contents is received from the subscription period check section 33 or the number check section 34 of contents sales. Based on the read contents of a contract, out of the contents which received the above-mentioned notice, the contents check section 35 of a contract discovers what discount of the selling price is accepted in, and notifies it to the renewal section 36 of a goods master by the contract.
[0044] The renewal section 36 of a goods master deletes the data from the goods master 23 about the contents which received the direct notice from the subscription period check section 33. Moreover, about the contents which received the notice from the contents check section 35 of a contract, the selling price indicated in the goods master 23 is rewritten in a cheap price.
[0045] About all the contents indicated in the goods master 23, the notice plate rewriting section 37 copies each content ID, its title, and its selling price, and overwrites the notice plate 42 of the key sales department 17.
Flow until contents are sold by the contents circulation system in a <outline of contents circulation system> book operation gestalt is explained with reference to the flow chart of drawing 6 thru/or drawing 11 .
[Contents acceptance in contents accession department of SD center] drawing 6 shows the processing for the contents acceptance performed in the contents accession department 15 of the SD center 1.

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[0046] In S001 of the beginning in <u>drawing 6</u> , it is confirmed whether the contents acceptance contract was concluded between the employment person of the SD center 1, and the provider 2. And when a contents acceptance contract is concluded, contents are accepted in S002. That is, contents are inputted through the drive equipment or the communication interface which is not illustrated.

[0047] The contents accepted in S002 are stored in the contents database 21 in the following S003. In the following S004, the content ID given to the contents stored in the contents database in S003 and the provider information (ID of a provider's 2 authoring ID and the other rightful claimants 3 and each [these] ** especially) mentioned above are generated.

[0048] In the following S005, the content ID and provider information which were generated in S004 are registered into the contents database 21.

[CD-ROM edit in the CD-ROM editorial department of SD center] <u>drawing 7</u> shows the processing for the CD-ROM edit performed in the CD-ROM editorial department 16 of the SD center 1.

[0049] In S101 of the beginning in <u>drawing 7</u> , the editing task of CD-ROM is started according to the instruction from an operator. In the following S102, the good contents corresponding to an edit concept investigate whether it is a certain ****** with reference to the contents database 22. In the following S103, it is confirmed whether it opted for publication of the contents discovered out of the contents database 22. And if the decision of publication was not made, processing will be returned to S102 in order to look for other contents. On the other hand, if the decision of publication was made, processing will be advanced to S104.

[0050] In S104, the conclusion-of-a-contract activity over the contents by which publication decision was made is done among providers 2 (and rightful claimant 3 of others about the contents concerned). In the following S105, it is concluded in S104 and the contract master 22 is created based on a selling agreement.

[0051] In the following S106, the goods master 23 is created from the number and its shelf-life, the content ID, the selling price, and the selling shelf-life of CD-ROM which carries the contents concerned.

[0052] In the following S107, the contents by which the selling agreement was made are enciphered with a specific key. The key used for this encryption is also stored in the goods master 23. In the following S108, the genuine article contents with which encryption was able to be managed to original recording CD-ROM and the trial version contents by

which the functional limit was made, a navigator (program), and an installer can be burned.

[0053] In the following S109, completed original recording CD-ROM is sent to the CD-ROM publisher 4, and a publication request is performed. In addition, according to this publication request, the CD-ROM publisher 4 creates many CD-ROMs11 based on original recording CD-ROM, and it sells to a user 5 or he sends to the user 5 who is the member registered into the network service firm 7. And if the user 5 who received this CD-ROM11 loads CD-ROM11 to a personal computer 6 and performs the installer in CD-ROM11, while a navigator (program) 10 will be installed on a hard disk 12, the unique machine ID is generated for each personal computer of every, and it is written in in a hard disk 12.

[Contents purchase processing by navigator] drawing 8 shows the contents purchase processing performed by the navigator 10 installed in the personal computer 6.

[0054] In S201 of the beginning in drawing 8 , CD-ROM11 is operated according to the actuation from a user 5. For example, menu screens, such as a purchase reception menu screen stored in CD-ROM11, are displayed, or the trial version contents are made into a trial condition.

[0055] In the following S202, it waits for a user 5 to determine the purchase of which contents. In S203 performed when the purchase of contents is determined, a access number is generated based on the CD-ROM number of CD-ROM11, and the content ID of contents by which a purchase decision was made. And based on the user ID of the user 5 concerned, the purchase cut-form of a text data format is created in these CD-ROM number, content ID and a access number, and a list. In addition, about the generated access number, it holds in the memory which is not illustrated.

[0056] In the following S204, the communications program which is not illustrated is started and it connects with the network service firm 7 via a public telephone network. In the following S205, it connects with the key sales department 17 of the SD center 1 through the gateway 13.

[0057] In the following S206, file transmission of the purchase cut-form created in S203 is carried out according to text format to the key sales department 17. In the following S207, it waits for the key sales department 17 to send a key (purchase number) according to this purchase cut-form.

[0058] In the following S208, it gets over based on the access number which held the purchase number which the key sales department 17 has sent in the memory which is not illustrated, and a key is taken out. And a user 5 compound-izes the encryption contents which made a purchase

decision using this key.

[0059] In the following S209, these compound-ized contents are installed in a hard disk 12. Processing of this navigator 10 is completed by the above.

[Selling processing in key sales department of SD center] drawing 9 shows the processing for contents sale performed in the key sales department 17 of the SD center 1.

[0060] It waits for reception of the purchase cut-form from a user 5 in S301 of the beginning in drawing 9 . In S302 performed when a purchase cut-form is received, the goods master 23 is referred to based on the CD-ROM number indicated by the purchase cut-form.

[0061] In the following S303, it is confirmed whether CD-ROM corresponding to the CD-ROM number indicated by the purchase cut-form is within a current shelf-life based on the shelf-life of CD-ROM indicated by the goods master 23 referred to in S302. And in not being within a current shelf-life, in S311, the message of the purport which is an expiration date piece is returned to a user's 5 personal computer 6, and in order to wait for the following purchase cut-form, it returns processing to S301.

[0062] In S304 performed when it is within the shelf-life of current CD-ROM, the access number indicated by whether to be surely in agreement with the CD-ROM number indicated by the purchase cut-form and the thing content ID is indicated to be by this goods master 23, and the purchase cut-form confirms logically whether to be the right or not based on the goods master 23 referred to in S302. And when the CD-ROM number and content ID which were indicated by the purchase cut-form are not in agreement with what is indicated by the goods master 23, and when a access number is not logically right, in S311, the message showing that is returned to a user's 5 personal computer 6, and in order to wait for the following purchase cut-form, processing is returned to S301. In addition, as mentioned above, since the content ID of the contents which passed over the subscription period is deleted from the goods master 23 by the updating section 20, when that content ID is indicated by the purchase cut-form, it is eliminated by this step.

[0063] On the other hand, a CD-ROM number, content ID, and a access number all read a key (key used for enciphering the contents corresponding to content ID) from the goods master 23 to a right case in S305.

[0064] In the following S306, it enciphers with a access number and the key read in S305 is returned to a user's 5 personal computer 6. Accounting is performed in the following S307. That is, as it mentioned

above, a purchase cut-form and a sales slip are created.

[0065] In the following S308, the purchase cut-form created in S307 is sent to a user's 5 personal computer 6. In the following S309, it checks whether the purchase cut-form sending by S308 has been good. And if poor, it will purchase in S312, it will carry out with [of a cut-form] resending, and processing will be returned to S309.

[0066] On the other hand, in S310 performed when purchase cut-form sending is good, the sales slip created in S307 is filed in the sales slip file 24. By the above, since the processing to one purchase cut-form was completed, in order to wait for the following purchase cut-form, processing is returned to S301.

[Claim processing in the claim section of SD center] drawing 10 shows the claim processing performed in the claim section 18 of the SD center 1, and the payment processing performed in the payment section 19.

[0067] In S401 of the beginning in drawing 10 , it confirms whether be the end of the month with present in Japan, and waits for the end of the month to come. And when the end of the month comes with present in Japan, in S402, all the sales slips accumulated into the sales slip file 24 are read, and the number of sheets of a sales slip is settled every contents and every provider 2.

[0068] In the following S403, the sales slip number of sheets for every contents is notified to the updating section 20. In the following S404, the read sales slip is summarized for every user ID registered into the network service firm 7, and a proceeds frame is totaled for every user ID of this. And the network service firm 7 is asked for the proceeds frame for every totaled user ID. If this claim is received, the claim vicarious execution section 14 of the network service firm 7 will add this contents price to each user's 5 charge of service use, and will ask a credit card company 8 for it. The credit card company 8 which received the claim pulls down this claim amount of money from each user's 5 bank account, and pays it to the claim vicarious execution section 14 of the network service firm 7. The claim vicarious execution section 14 deducts the charge of service use and the predetermined commission for every user 5 from the paid amount of money, and pays them to the SD center 1.

[0069] In S405 of drawing 10 , when there are waiting and payment about payment from the claim vicarious execution section 14 of the network service firm 7, processing is passed to the payment section 19. Refer to the contract master 22 and the sales slip file 24 for the payment section 19 of the [payment processing in the payment section of SD center] SD center 1 in S406 of drawing 10 (it corresponds to the 1st read-out means). In the following S407, a part for picking of the

employment person of the SD center 1 is subtracted from proceeds (it corresponds to a subtraction means). Namely, the sales slip accumulated in the sales slip file 24 is divided for every contents, and the selling price indicated by all sales slips is totaled for every contents. On the other hand, the picking molar fraction of the employment person of the SD center 1 is read from the publication of the payment site indicated by the contract master 22. And a part for picking of the employment person of the SD center 1 is subtracted from the proceeds for every totaled contents.

[0070] The contents database 21 is referred to in the following S408. Namely, provider information is read for every contents (it corresponds to the 2nd read-out means). A dividend is calculated in the following S409 (it corresponds to a distribution means). That is, proceeds after subtraction are distributed to each ID (ID of an unit, two or more providers' 2 ID, an unit, or two or more providers 2 and an unit, or ID of the rightful claimant 3 of two or more others) of every [which is indicated by the provider information on each contents]. In this case, when each ** 2 and 3 takes to provider information and the part is indicated although proceeds are equally distributed to each ID if a part for picking of each ** 2 and 3 is not indicated by provider information, proceeds are distributed according to the publication for this picking.

[0071] In the following S410, the bank account of each provider 2 and the other rightful claimants 3 receives the proceeds distributed in S409 according to each ID 2 and 3. Then, processing is returned to the 18 claim sectionS401 for claim processing next month.

[Update process in the updating section of SD center] drawing 11 shows an update process of the goods master 23 performed in the updating section 20 of the SD center 1.

[0072] In S501 of the beginning in drawing 11 , it waits for the notice of the sales slip number of sheets for every contents from the claim section 18. In S502 performed when there is a notice of sales slip number of sheets, sales are added up for every contents.

[0073] In the following S503, it is confirmed whether the thing by this month has the last day of a selling shelf-life with reference to the selling shelf-life of each contents indicated by the goods master 23. And about the contents the last day of a selling shelf-life is [contents] till this month, the information about the contents is eliminated from the goods master 23 in S510.

[0074] On the other hand, about the contents it is not [contents] the last day of a selling shelf-life even by the end of this month, it is confirmed in S504 whether the sales number this month is 1000 or less.

And a sales number performs processing of S505 about 1000 or less contents.

[0075] On the other hand, about the contents to which a sales number exceeds 1000, it is confirmed in S508 whether the remainder of a selling shelf-life is less than in January with reference to the selling shelf-life of each contents again indicated by the goods master 23. And about the contents to which the remainder of a selling shelf-life is over January, the goods master 23 advances (S509) and processing to S507 as present condition maintenance. Moreover, processing of S505 is performed about the contents whose remainder of a selling shelf-life is less than in January.

[0076] In S505, the contents of a contract about each contents indicated by the contract master 22 are investigated, and it is confirmed whether discount of the selling price of processing-object contents is accepted. And when discount is not accepted, the goods master 23 advances (S509) and processing to S507 as present condition maintenance. On the other hand, when discount is accepted, in S506, rate discount of the selling price of the processing-object contents indicated by the goods master 23 of fixed is carried out, and processing is advanced to S507.

[0077] In S507, the content ID and the selling price of all contents are copied from the goods master 23, and it sticks on the notice plate 42 of the key sales department 17. Then, in order to wait for the notice of the degree from the claim section 18, processing is returned to S501.

[0078] According to the contents circulation system constituted as mentioned above, the balance except a part for picking of the employment person of the SD center 1 is distributed among the dividends which sold contents and were obtained also to those [3] who have a certain claim about the contents concerned other than provider 2. Therefore, after the representative slack provider 2 receives payment of proceeds collectively, a complicated activity [say / redistributing proceeds to those / 3 / who have these claims] is omissible. Moreover, about the contents to which the thing and the number of sales per moon which the selling shelf-life remained and became less than January fell off below in the constant rate, on condition that discount is accepted by the selling agreement, the selling price can be lowered. Consequently, about the contents to which the period when selling authorization of the contents to which the period which can be sold is limited like seasonal goods, or the SD center 1 is carried out is limited, the last stage's of a subscription period sales can be evoked by discount of the selling price, and the proceeds frame within a period can be raised. Similarly, about the contents to which the number of sales has fallen off, discount

can perform a rational selling price setup and the number of sales and a proceeds frame can be raised.
[0079]
[Effect of the Invention] As explained above, according to the contents proceeds distribution system and the distribution approach of this invention, proceeds can be distributed to the third person who has the claim as which the sold contents are not specified for a selling agreement at a rate according to the right of opposite Perilla frutescens (L.) Britton var. crispa (Thunb.) Decne.

DESCRIPTION OF DRAWINGS

[Brief Description of the Drawings]
[Drawing 1] The principle Fig. of this invention
[Drawing 2] The schematic diagram of the contents circulation system by the 1st operation gestalt of this invention
[Drawing 3] The block diagram showing the detailed configuration of the SD center 1 of drawing 2
[Drawing 4] The block diagram showing the detailed configuration of the payment section of drawing 3
[Drawing 5] The block diagram showing the detailed configuration of the updating section of drawing 3
[Drawing 6] The flow chart which shows the contents acceptance processing performed in the contents accession department of drawing 3
[Drawing 7] The flow chart which shows the CD-ROM edit processing performed in the CD-ROM editorial department of drawing 3
[Drawing 8] The flow chart which shows the contents purchase processing which the navigator of drawing 2 performs
[Drawing 9] The flow chart which shows the key selling processing performed in the key sales department of drawing 3
[Drawing 10] The flow chart which shows the payment processing performed in the claim processing and the payment section which are performed in the claim section of drawing 3
[Drawing 11] The flow chart which shows the update process performed in the updating section of drawing 3
[Brief Description of Notations]
1 SD Center
17 Key Sales Department

18 Claim Section
19 Payment Section
20 Updating Section
21 Contents Database
22 Contract Master
24 Sales Slip File